

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015530.D
 Acq On : 14 Sep 2023 12:32
 Operator : SY/MD
 Sample : VY0914SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 03:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

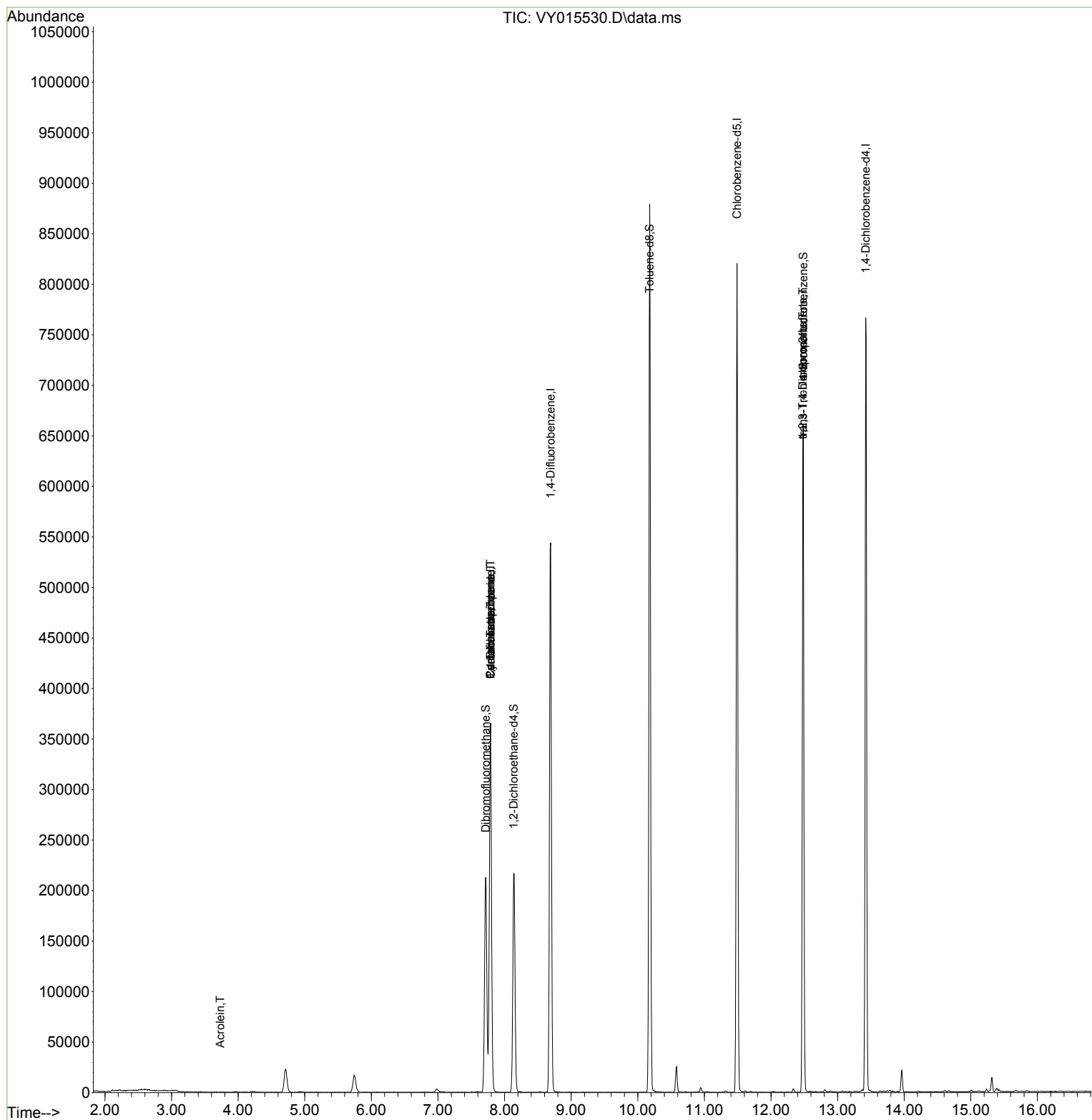
Internal Standards						
1) Pentafluorobenzene	7.789	168	279791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	478649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	431610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	171748	57.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.520%	
35) Dibromofluoromethane	7.716	113	149534	54.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.179	98	557453	55.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.680%	
62) 4-Bromofluorobenzene	12.483	95	189255	51.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.912	59	238	Below Cal	#	89
13) Acrolein	3.729	56	43	11.695	ug/l #	14
20) Methylene Chloride	4.716	84	17498	Below Cal		88
31) Cyclohexane	7.789	56	5913	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	21494	4.440	ug/l #	50
38) Carbon Tetrachloride	7.789	117	27329	5.466	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	101748	38.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	101748	85.315	ug/l #	10

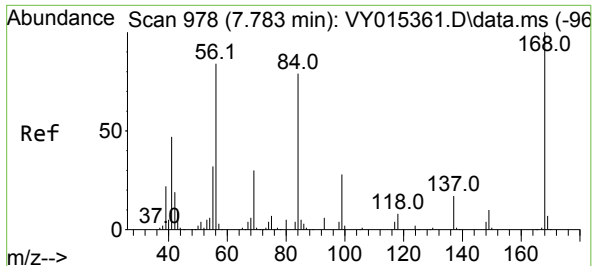
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
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Quant Time: Sep 15 03:58:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

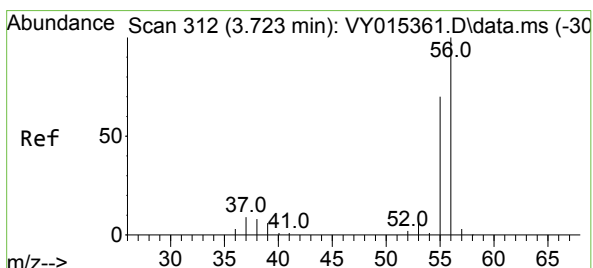
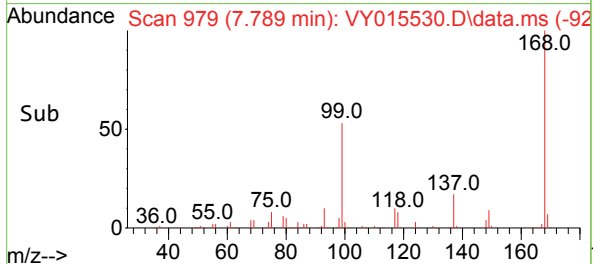
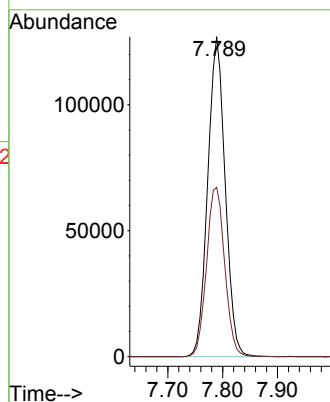
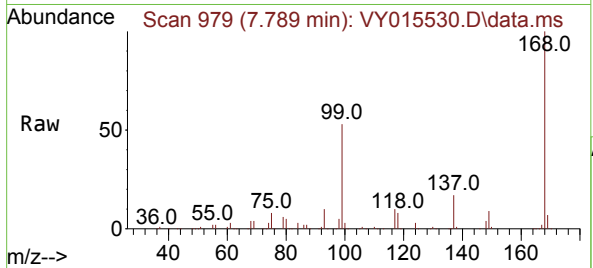




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

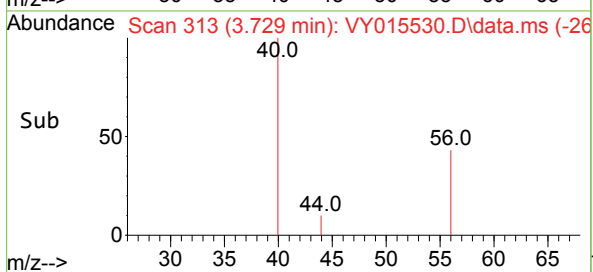
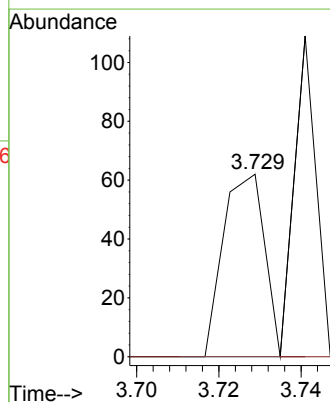
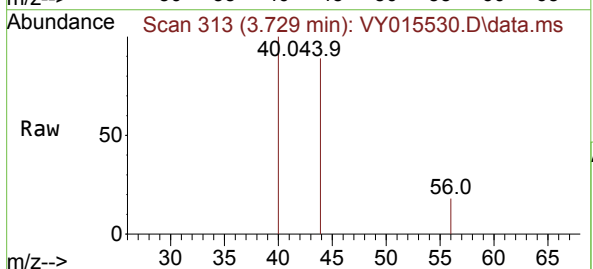
Instrument :
MSVOA_Y
ClientSampleId :

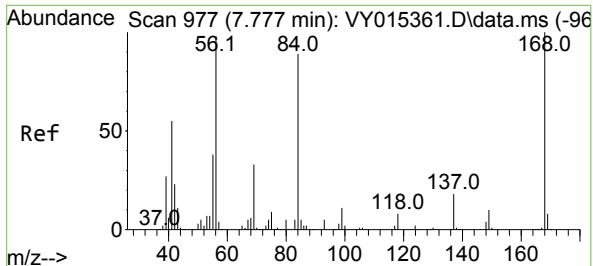
Tgt Ion:168 Resp: 279791
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#13
Acrolein
Concen: 11.695 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

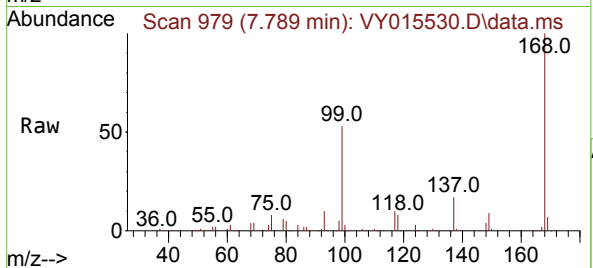
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



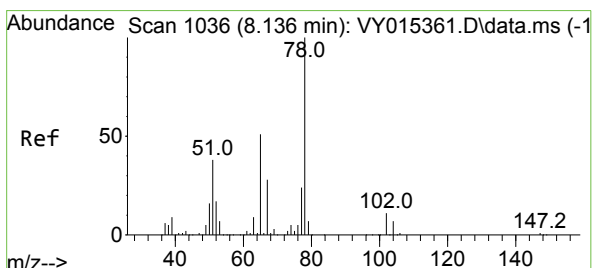
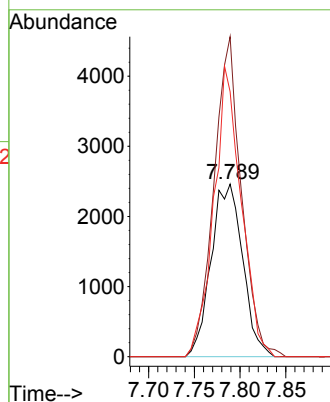
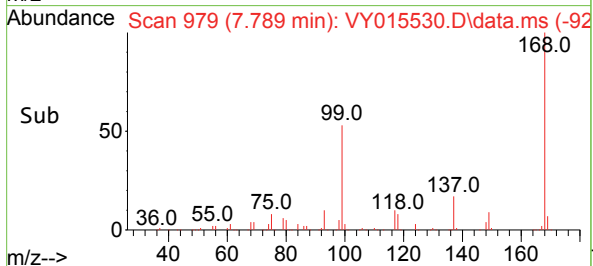


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

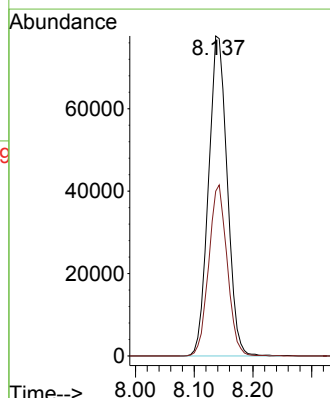
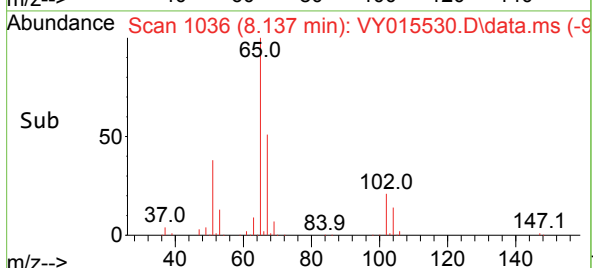
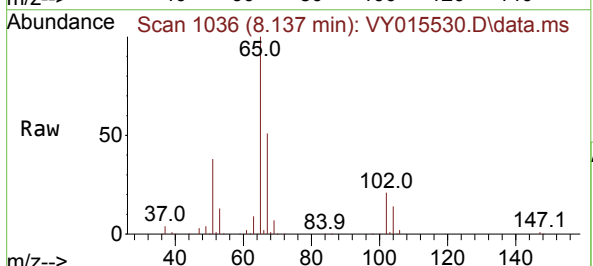


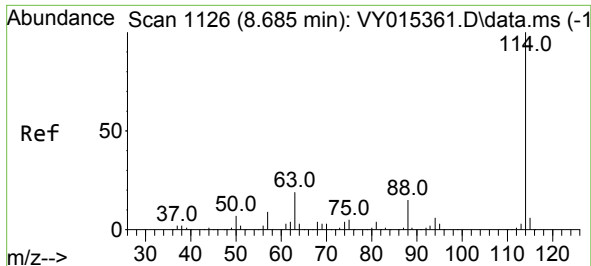
Tgt Ion: 56 Resp: 5913
Ion Ratio Lower Upper
56 100
69 185.4 27.8 41.6#
84 153.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.262 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

Tgt Ion: 65 Resp: 171748
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

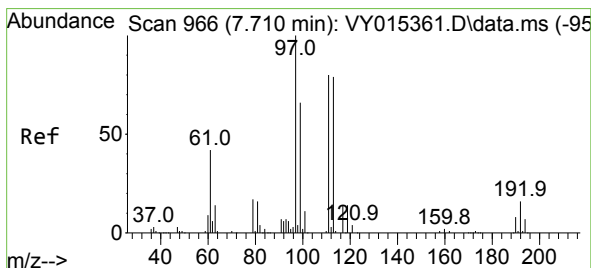
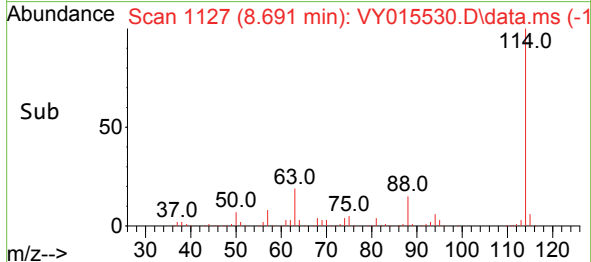
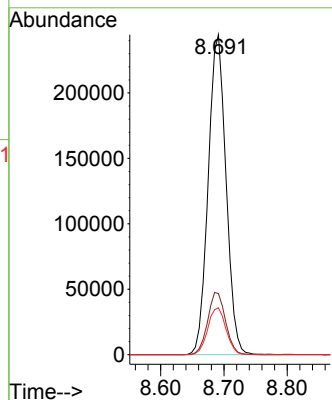
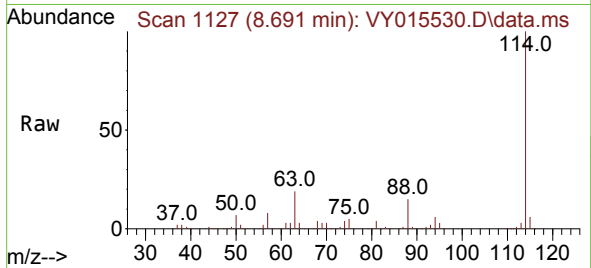




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

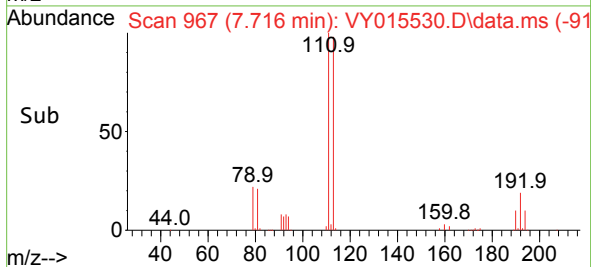
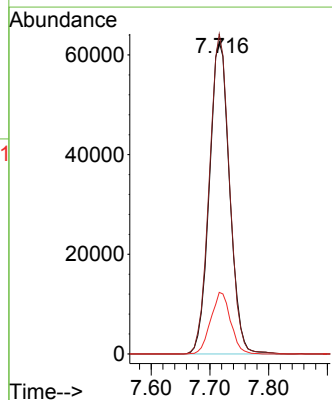
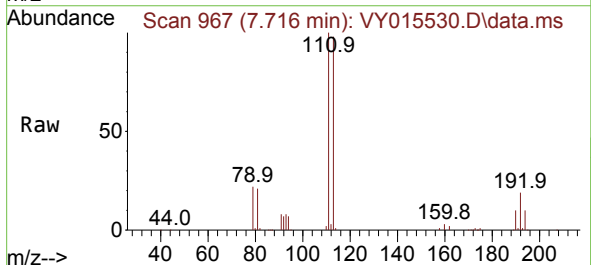
Instrument :
MSVOA_Y
ClientSampleId :

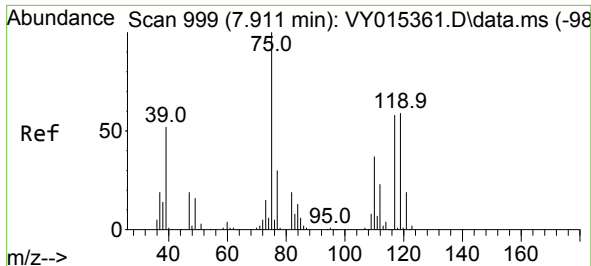
Tgt Ion:114 Resp: 478649
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.240 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

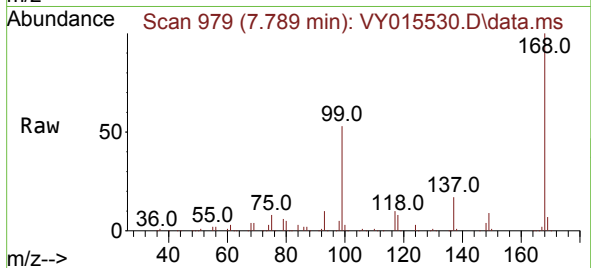
Tgt Ion:113 Resp: 149534
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3



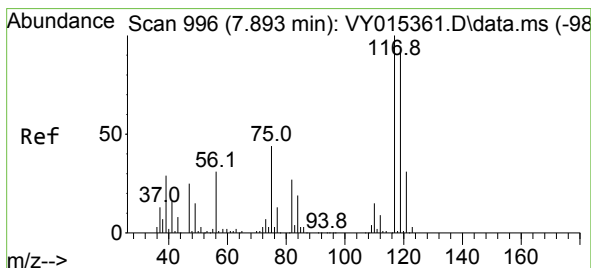
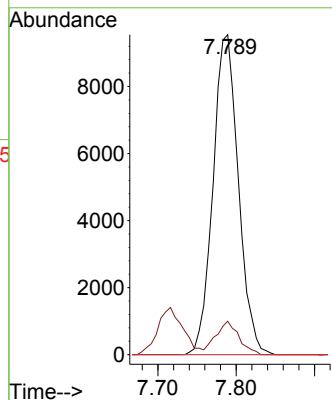
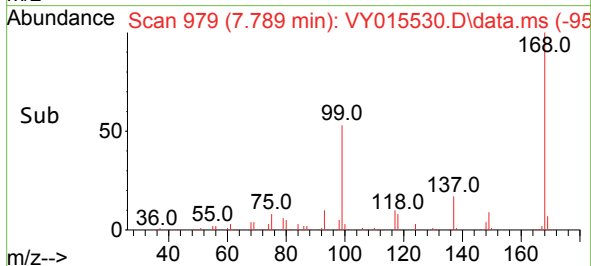


#36
1,1-Dichloropropene
Concen: 4.440 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32

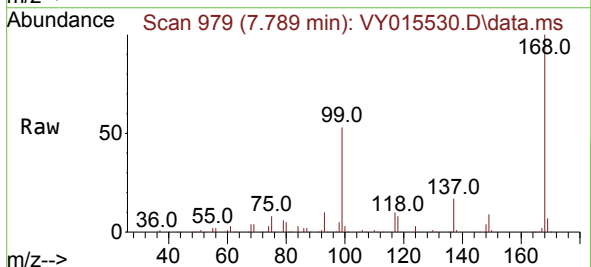
Instrument :
MSVOA_Y
ClientSampleId :



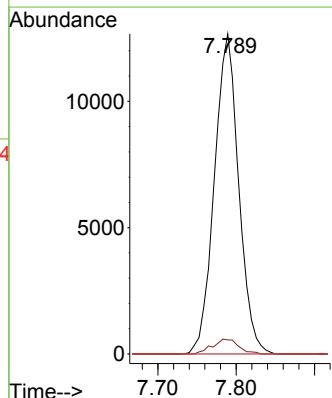
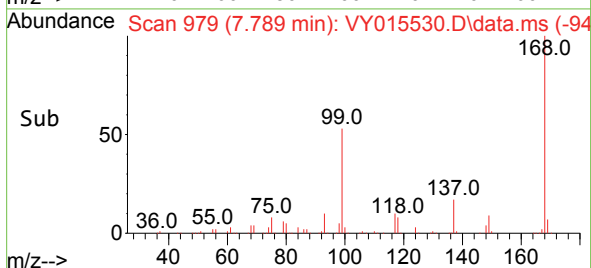
Tgt Ion: 75 Resp: 21494
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

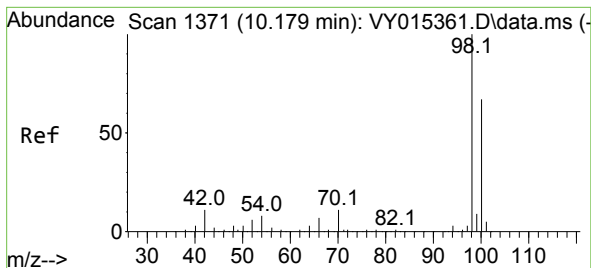


#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.103 min
Lab File: VY015530.D
Acq: 14 Sep 2023 12:32



Tgt Ion: 117 Resp: 27329
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.836 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

Instrument :

MSVOA_Y

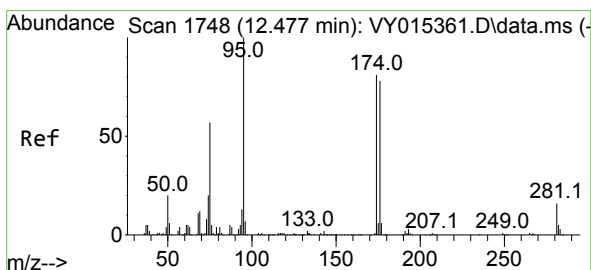
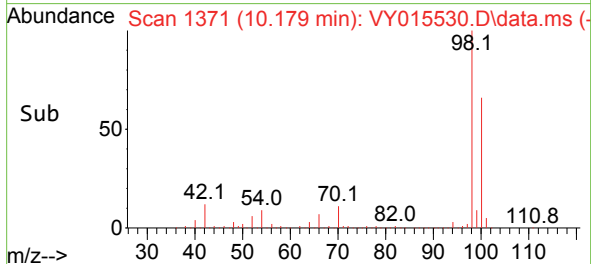
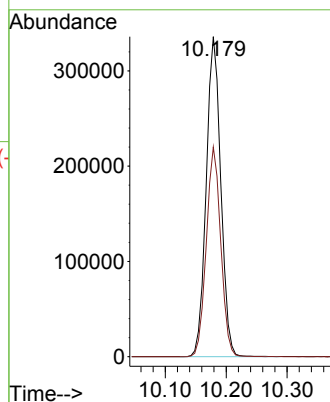
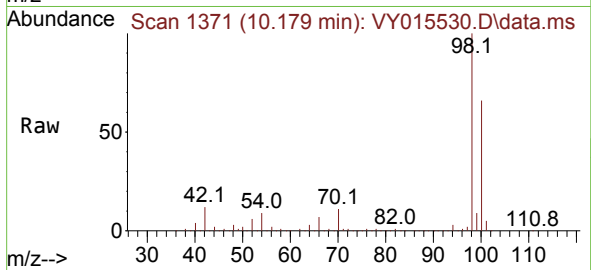
ClientSampleId :

Tgt Ion: 98 Resp: 557453

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.062 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

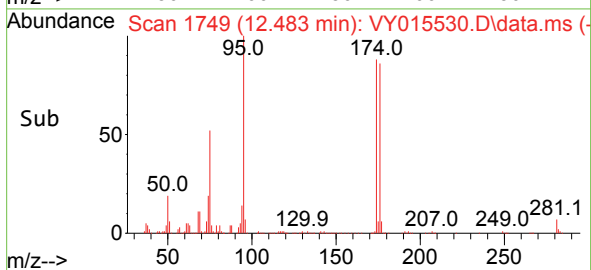
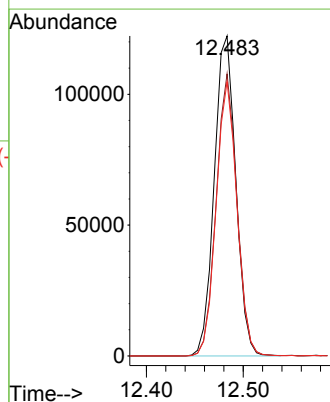
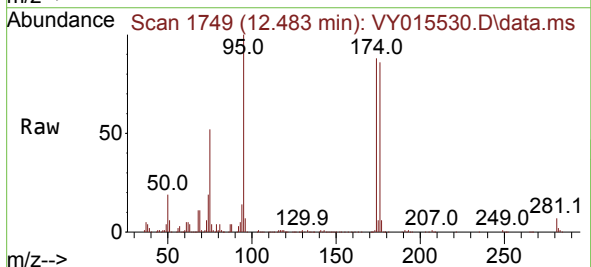
Tgt Ion: 95 Resp: 189255

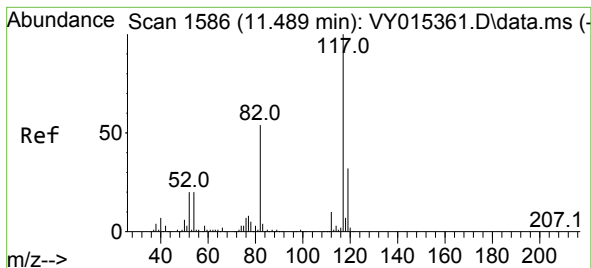
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

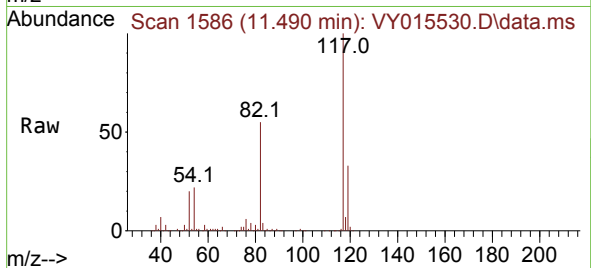
Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :



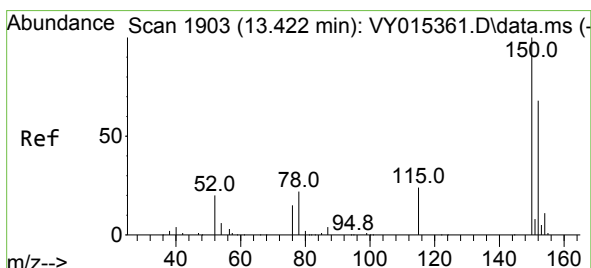
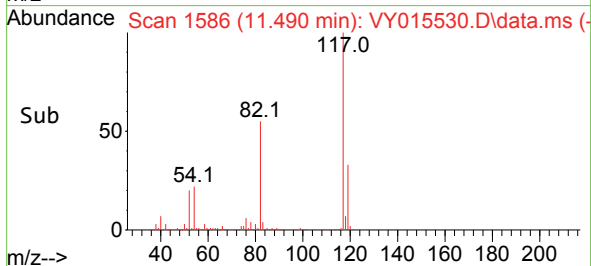
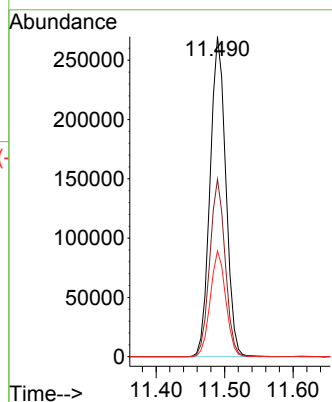
Tgt Ion:117 Resp: 431610

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

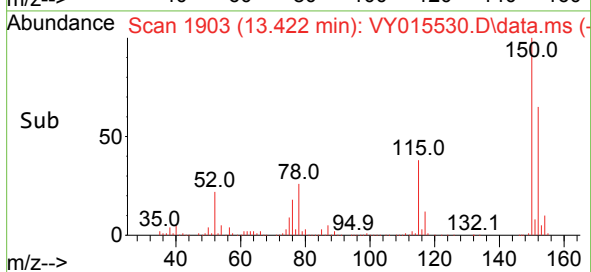
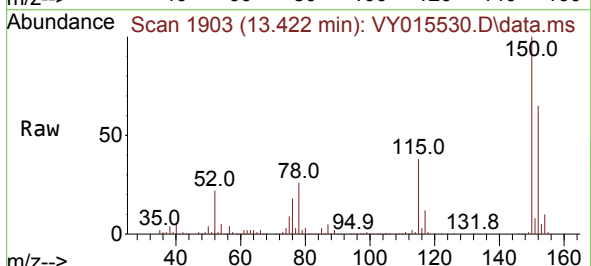
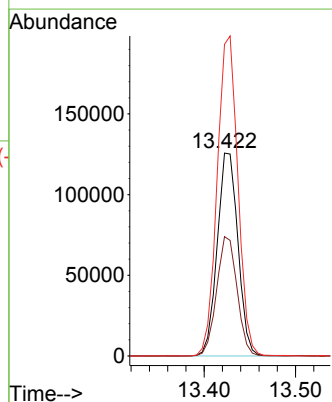
Tgt Ion:152 Resp: 198385

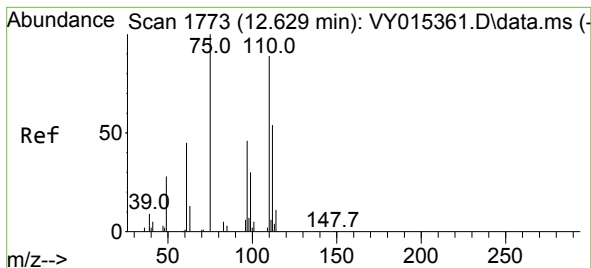
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.676 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

Instrument :

MSVOA_Y

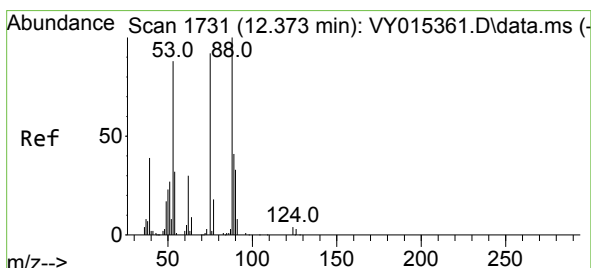
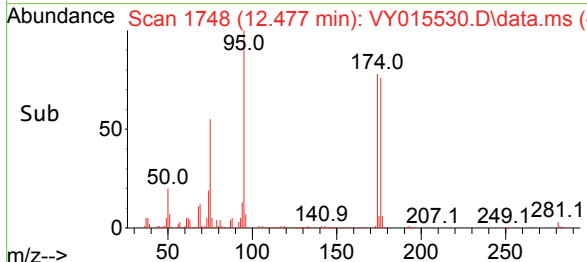
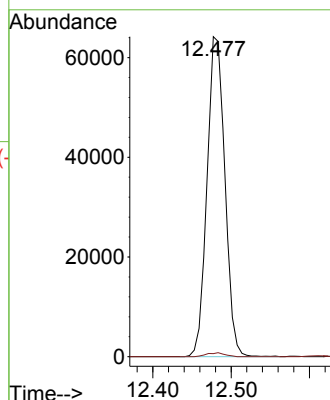
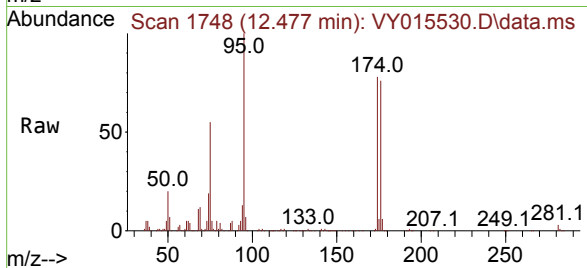
ClientSampleId :

Tgt Ion: 75 Resp: 101748

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.315 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY015530.D

Acq: 14 Sep 2023 12:32

Tgt Ion: 75 Resp: 101748

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

